

EN 50143 TIPO B

Silicone cables

Single core flexible cable with flexible tinned copper conductor, silicone rubber insulation, conforming with EN 50143.



Technical data

Nominal voltage	5/10 kV
Applications/Usage conditions	Suitable for discharge lighting devices (EN 50107).
Conductor	Flexible tinned copper
Insulation type	EI2 (EN 50363-1)
Sheath colour	On demand (one or two colours)
Operating temperatures	-60° C +180° C
Test voltage	15000 V
Cable markings	IEMMEQU ELETTRO BRESCIA EN 50143 - B - 5000/10000 V.

Standard references

Main standard	EN 50143
Conductor	EN 60228; IEC 60228
Self-Extinguishing	EN 60332-1-2; IEC 60332-1-2

Dimensions

Cross section	Wires max diameter	Conductor diameter	Core thickness	Core diameter ± 0,1	Sheath thickness	Medium min outer diameter	Medium max outer diameter	Electrical resistance at 20° C	Cable approx. weight	Cu factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(Kg/km)
1x1,00	0,200	1,23	2,50	N/A	N/A	6,0	7,2	7,5000	N/A	9,60

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.